

Message

From: Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]
Sent: 11/6/2019 6:33:58 PM
To: Post, Gloria [Gloria.Post@dep.nj.gov]
Subject: RE: PFAS - new results
Attachments: Yu et al. 2019 NJDOH.pdf

Gloria,

Are these the blood samples we could get for SolvX analysis?

Andy

From: Post, Gloria <Gloria.Post@dep.nj.gov>
Sent: Tuesday, November 5, 2019 4:01 PM
To: Washington, John <Washington.John@epa.gov>; Bergman, Erica <erica.bergman@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>
Cc: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: Re: PFAS - new results

I am very familiar with this article. Please let me know if you would like to discuss anything about it.

From: Washington, John <Washington.John@epa.gov>
Sent: Tuesday, November 5, 2019 3:59 PM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>; Post, Gloria <Gloria.Post@dep.nj.gov>
Cc: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: [EXTERNAL] FW: PFAS - new results

Possibly you all know about this article, but just in case . . .

Biomonitoring of emerging contaminants, perfluoroalkyl and polyfluoroalkyl substances (PFAS), in New Jersey adults in 2016–2018

CH Yu, CD Riker, S Lu, ZT Fan - International Journal of Hygiene and Environmental ..., 2019
New Jersey (NJ) residents in some areas may be exposed to perfluoroalkyl and polyfluoroalkyl substances (PFAS) due to PFAS contamination of public drinking water. This contamination stems from industrial discharges and the use of aqueous ...

From: Google Scholar Alerts <scholaralerts-noreply@google.com>
Sent: Tuesday, November 5, 2019 2:52 PM
To: Washington, John <Washington.John@epa.gov>
Subject: PFAS - new results

Activation of human nuclear receptors by perfluoroalkylated substances (PFAS)

AC Behr, C Plinsch, A Braeuning, T Buhrke - Toxicology in Vitro, 2019
Perfluoroalkylated substances (PFAS) such as perfluorooctanoic acid (PFOA) or perfluorooctanesulfonic acid (PFOS) are used to produce, eg, surface coatings with water-and dirt-repellent properties. These substances have been shown to be ...



Biomonitoring of emerging contaminants, perfluoroalkyl and polyfluoroalkyl substances (PFAS), in New Jersey adults in 2016–2018

CH Yu, CD Riker, S Lu, ZT Fan - International Journal of Hygiene and Environmental ..., 2019

New Jersey (NJ) residents in some areas may be exposed to perfluoroalkyl and polyfluoroalkyl substances (PFAS) due to PFAS contamination of public drinking water. This contamination stems from industrial discharges and the use of aqueous ...



[HTML] Per- and Polyfluorinated Alkylsubstances (PFAS) from Dairy and Fish Using QuEChERS, SPE, and LC–MS/MS

S Krepich - 2019

Results The system was calibrated from 0.05 ppb (Figure 2) to 1000 ppb with a 0.05 ppb lower limit of quantification (LLOQ) and a 0.5 ppb mid-level calibrator. Butter, cheese, egg, milk, and fish samples applied to the QuEChERS extraction and dSPE ...



Effects of Fetal Substance Exposure on Offspring Substance Use

NC Dodge, JL Jacobson, SW Jacobson - Pediatric Clinics, 2019

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High-content screening in zebrafish identifies perfluorooctanesulfonamide as a potent developmental toxicant

S Dasgupta, A Reddam, Z Liu, J Liu, DC Volz - Environmental Pollution, 2019

... Keywords. PFAS. Perfluorooctanesulfonamide. Embryonic development. Zebrafish. Hepatotoxicity ... Indeed, discharge from fluorochemical industries and foam products have led to significant PFAS contamination within water ...



Finite element implementation based on explicit, Galerkin and Crank–Nicolson methods to phase field theory for thermal-and surface-induced martensitic phase ...

M Javanbakht, H Rahbar, M Ashourian - Continuum Mechanics and Thermodynamics, 2019

... Different types of order parameters such as total strain [34] or transformation strain related [27] have been used in PFAs ... Various elastoplastic PFAs were used for martensitic transformation in polycrystalline alloys [37,38]. A review ...



Perfluorinated substances in the Flemish population (Belgium): Levels and determinants of variability in exposure

A Colles, L Bruckers, E Den Hond, E Govarts... - Chemosphere, 2019

... Highlights. • Flemish blood levels of five PFAS comparable to those in other Western countries. • 77% of the adults exceeded HBM-I values for PFOS and PFOA in 2014. • Consumption of locally grown food is associated with higher PFAS blood levels. • ...



Perfluorooctanoic acid and perfluorooctane sulfonate co-exposure induced changes of metabolites and defense pathways in lettuce leaves

P Li, X Oyang, X Xie, Y Guo, Z Li, J Xi, D Zhu, X Ma... - Environmental Pollution, 2019

... Plant (poly)phenol biosynthesis under PFAS exposure was firstly investigated. Abstract ... This study offers comprehensive insight of plant response to PFAS co-exposure and enhances the understanding in detoxifying mechanisms. Graphical abstract ...



[PDF] **Fetal alcohol spectrum disorders from childhood to adulthood: a Swedish population-based naturalistic cohort study of adoptees from Eastern Europe**

V Landgren, L Svensson, E Gyllencreutz, E Aring... - BMJ open, 2019

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ALS: EnviroMail™ 110—Identifying Hidden PFAS Chemicals in Environmental Samples and Firefighting Foams

DOW JONES

From the composition of un-oxidised samples it can be seen that contamination originates from a mixed source-both PFOS-containing and more recent fluorotelomer foams. Note that post oxidation there is not much growth in total fluorinated compounds but that the ...



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